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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/990,355	11/23/2001	Chia-Jui Yeh	MR3029-6	2003

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EXAMINER

DHARIA, PRABODH M

ART UNIT PAPER NUMBER

2673

DATE MAILED: 08/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/990,355

Applicant(s)

YEH, CHIA-JUI

Examiner

Prabodh M. Dharia

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 July 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6, 11-17, 19-22, 29-41, 47, 49, 50, 52-55 and 57-68 is/are pending in the application.
- 4a) Of the above claim(s) 7-10, 18, 23-28, 42-46, 48, 51 and 56 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 11-17, 19-22, 29, 47, 49, 50, 52-55 and 57-68 is/are allowed.
- 6) ☒ Claim(s) 1-6 and 30-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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1. **Status:** Receipt is acknowledged of papers submitted on 11-09-2005 under amendments have been placed of record in the file. Claims 1-6,11-17,19-22,29-41,47,49,50,52-55 and 57-68 are pending in this action, Claims 7-10,18,23-28,42-46,48,51 and 56 are cancelled.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nachani in view of Mahdavi et al. (5,345,514).

Regarding Claim 1, Nachani teaches an image processing system (Col. 4, Lines 6-8) comprising: image-transmitting means for generating and transmitting a first image signal (Col. 4, Lines 49-53), transmitted to computer-image processing system (Col. 8, Lines 33-39); electromagnetic induction means for- generating and transmitting a second image signal (Col. 5, 43-47, Col. 6, Lines 12-15); image processing means for receiving said first image signal and said second image signal to control and perform a plurality of image processing functions (Col. 7, Line 62 to Col. 8, Line 6), so as to generate a showing signal (Col. 9, Line 61 to Col. 10, Line 3); storage means for accessing image data into said image processing means; and display means for receiving said showing signal to display image (Col. 12, Lines 1-27).

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However, Nichani fails to teach specifically : image-transmitting means for generating and transmitting a first image signal, transmitted to computer-image processing system; electromagnetic induction means for- generating and transmitting a second image signal and perform a mixing mode to generate a showing signal.

However, Mahdaieh et al. discloses and recites image-transmitting means for generating and transmitting a first image signal, transmitted to computer-image processing system; electromagnetic induction means for generating and transmitting a second image signal and perform a mixing (Webster dictionary defines as combining) mode to generate a showing signal (figures 1,2A,2B, Col. 11-20, Col. 3, Lines 32-59, Col. 4, Lines 43-52, Col. 6, Lines 18-20).

Thus it is obvious to one in the ordinary skill in the art at the time of invention was made to incorporate Mahdaieh et al. teaching in teaching of Nichani to be able to transfer various types of information between an information processing system with a display section which carries out various types of image processing, as well as displaying and image generating system uses Electromagnetic radiation process to generate image information.

Regarding Claim 2, Nichani teaches wherein said image- transmitting means receives image data (Col. 4, Lines 49-53, transmitted to computer-image processing system Col. 8, Lines 33-39, Col. 5, 43-47, Col. 6, Lines 12-15), by transduction of optical radiation of the image data (Col. 8, lines 33-39).

Regarding Claim 3, Mahdaieh et al. image- transmitting means receives image data by way of using communication (figures 1,2A,2B, Col. 11-20, Col. 3, Lines 32-59, Col. 4, Lines 43-52, Col. 6, Lines 18-20).

Regarding Claim 4, Nichani teaches wherein said electromagnetic induction means receives electromagnetic wave signal by way of using electromagnetic induction (Col. 5, Lines 43-48).

Regarding Claim 5, Nichani teaches wherein said second image signal comprises an absolute coordinate in order to show the position of the image (Col. 10, Lines 42-54).

Regarding Claim 6, Nichani teaches wherein said second image signal comprises a pressure value in order to show the size of the image (Col. 8, lines 33-39, Col. 7, lines 48-50).

4. Claims 30-41, are rejected under 35 U.S.C. 103(a) as being unpatentable over Nanba (6,297,870 B1) in view of Richey (5,495,576).

Regarding Claim 30, Nanba teaches a processing method of a microprocessor (Col. 6, Lines 51) of an image processing sub-circuit (Col. 6, Lines 51,52) in the motionless-image processing system (Col. 3, Lines 4,5 Nanba teaches a plain photographic camera that just take standing still picture not moving pictures), said processing method comprising, receiving an

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executive order (Col. 7, Line 5 to Col. 8, Line 24), and then performing a specific function mode by said executive order to proceed with a image processing procedure (Col. 6, Lines 20 to Col. 8, line 12).

However, Nanba fails to teach wherein said plurality of image processing functions comprises a broadcasting mode.

However, Ritchey teaches wherein said plurality of image processing functions comprises a broadcasting mode (Col. 32, Lines 21-67).

Thus it is obvious to one in the ordinary skill in the art at the time of invention was made to incorporate Ritchey teaching in teaching of Nanba to be able to manipulate using given data of 3D shape and contour, the geometry of subject comprising virtual model for presentation and distribution to display unit.

Regarding Claim 31, Nanba teaches specific function mode comprises a setting mode (Col. 6, Lines 14-19).

Regarding Claim 32, Nanba teaches setting mode comprises an inputting step to input a showing format (Col. 5, Lines 54-61).

Regarding Claim 33, Nanba teaches setting mode comprises an adjusting step to adjust the resolution of the image (Col. 5, Lines 23-49, Lines 54-61).

Regarding Claim 34, Nanba teaches specific function mode comprises a deleting

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mode (Col. 3, Lines 44,45, Col. 6, Line 14-19).

Regarding Claim 35, Nanba teaches deleting mode comprises a confirmation step to confirm deletion of the image (Col. 3, Lines 44,45, Col. 6, Line 14-19).

Regarding Claim 36, Nanba teaches deleting mode comprises a step for deleting the image (Col. 3, Lines 44,45, Col. 6, Line 14-19).

Regarding Claim 37, Nanba teaches specific function mode comprises a displaying mode (Col. 3, Lines 51-55, Col. 6, Lines 14-19).

Regarding Claim 38, Nanba teaches displaying mode comprises an accessing step to retrieve a specific serial number of the image (Col. 3, Lines 33-55).

Regarding Claim 39, Nanba teaches displaying mode comprises a confirmation step to confirm mix of the image (Col. 3, Lines 33-55).

Regarding Claim 40, Nanba teaches displaying mode comprises an image-mixing step to form a mixed-image with said specific serial number (Col. 3, Lines 33-47).

Richey teaches second processor comprises a displaying function to show the stored image with specific serial number (Col. 26, Lines 52-59).

Regarding Claim 41, Nanba teaches displaying mode comprises a step for displaying unmixed-image to show the image with said specific serial number (Col. 3, Lines 33-47).

Allowable Subject Matter

5. Claims 11-17,19-22,29,47,49,50,52-55,57-68 are allowed
6. The following is an examiner's statement of reasons for allowance:

A digital photo-album with handwriting inputting function, said digital photo-album comprising: an image-sensor that can catch an image by transduction of optical radiation of the image data; an image signal sub-circuit that is coupled with said image-sensor to receive said image and generate a first image signal; a first microprocessor that is coupled with said image signal sub-circuit to receive said first image signal; a display driving sub-circuit that is coupled with said first microprocessor to receive a displaying signal; a liquid crystal display that is coupled with said display driving sub-circuit to show various images; an inverter sub-circuit that is coupled with said microprocessor to receive an adjusting signal, so as to generate a specific voltage; a back-lighted module that is coupled with said inverter sub-circuit to receive said specific voltage; an antenna loop that can receive an electromagnetic wave signal by electromagnetic induction; and an electromagnetic-inducting sub-circuit with a second microprocessor that is coupled with said antenna loop to receive said electromagnetic wave signal, so as to generate a second image signal, wherein said electromagnetic-inducting sub-circuit is coupled with said first microprocessor to transmit said second digital signal, and said first microprocessor can form a mixed-image according to said first image signal and said second image signal; and

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a peripheral apparatus that can emit electromagnetic wave signal by way of electromagnetic induction, said peripheral apparatus can input image above said liquid crystal display and first microprocessor is coupled with a plurality of mode buttons to select specific modes, plurality of mode buttons comprise a broadcast mode button, plurality of mode buttons comprise a deleting mode button and first microprocessor is coupled with a plurality of switches to start specific functions.

Cited references on 892's fail to anticipate individually or render obviousness individually as well as in combination bold and underlined above claim

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

7. Applicant's arguments filed 07-11-2005 regarding Claims 30-41 have been fully considered but they are not persuasive.

Applicant argues that cited reference of Nanba fails to recite or disclose motionless image processing system.

Examiner disagrees, as cited reference of Nanba teaches a processing method of a microprocessor (Col. 6, Lines 51) of an image processing sub-circuit (Col. 6, Lines 51,52) in the motionless-image processing system **(Col. 3, Lines 4,5 Nanba teaches a plain photographic camera that just takes standing still picture not moving pictures)**, said processing method

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comprising, receiving an executive order (Col. 7, Line 5 to Col. 8, Line 24), and then performing a specific function mode by said executive order to proceed with a image processing procedure (Col. 6, Lines 20 to Col. 8, line 12).

8. Applicant's arguments with respect to claims 1-6,11-17,19-22,29,47,49,50,52-55 and 57-68 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M Dharia whose telephone number is 571-272-7668.

The examiner can normally be reached on M-F 8AM to 5PM.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

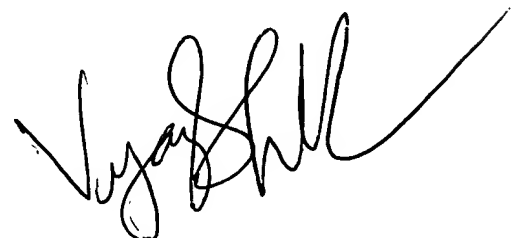
Commissioner of Patents and Trademarks

Washington, D.C. 20231

PD

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August 11, 2005

A handwritten signature in black ink, appearing to read 'Vijay Shankar', with a long horizontal flourish extending to the right.

VIJAY SHANKAR
PRIMARY EXAMINER